

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06271519 A**
(43) Date of publication of application: **27.09.1994**

(51) Int. Cl **C07C229/22**

B01J 23/44, C07C227/22
// C07B 61/00

(21) Application number: **05303791**

(22) Date of filing: **03.12.1993**

(30) Priority: **20.01.1993 JP 05 7738**

(71) Applicant: **COSMO SOGO KENKYUSHO:KK**

COSMO OIL CO LTD

(72) Inventor: **TAKEYA HARUHIKO**

SHIMIZU TOSHIO

UEKI HIROYUKI

(54) PRODUCTION OF 5-AMINOLEVULINIC ACID

(57) Abstract:

PURPOSE: To produce 5-aminolevulic acid in high yield from a inexpensive and readily available starting material through simple operations.

CONSTITUTION: Molecular oxygen is allowed to act on furfurylamine whose amino group is protected in the presence of a sensitizer under light illumination. The product is hydrogenated in the presence of a metallic catalyst and hydrolyzed to give 5-aminolevulic acid or its salt.

COPYRIGHT: (C)1994,JPO&Japio